TRANSACTIONS

OF THE

American Society of Civil Engineers

INDEX

VOLUME LXXII

JUNE, 1911

SUBJECT INDEX, PAGE 602
AUTHOR INDEX, PAGE 605

Titles of papers are in quotation marks when given with the author's name.

VOLUME LXXII

SUBJECT INDEX

APPRAISAL.
See **VALUATION.**

CEMENT.
— tests, etc., at Monterrey, Mexico. 493.

DISEASE.
Statistics of typhoid fever in Washington, D. C. 316.
Typhoid fever death rates in large cities of the United States. 371.

EARTH PRESSURES.
"Experiments on Retaining Walls and Pressures on Tunnels." William Cain. 403. Discussion: J. R. Worcester, and J. C. Meem, 449.

FILTRATION.
"Water Purification Plant, Washington, D. C., Results of Operation." E. D. Hardy. (With Discussion.) 301.

FINANCE.
"The Valuation of Public Service Corporation Property." Henry Earle Riggs. (With Discussion.) 1.

FLOODS.
— in the Santa Catarina River, at Monterrey, Mexico. 522 and 563.

GAS-WORKS.
"The Valuation of Public Service Corporation Property." Henry Earle Riggs. (With Discussion.) 1.

MEMOIRS OF DECEASED MEMBERS.
Archbald, James. 586.
Covode, James Henry. 589.
Harding, Henry. 591.
Holmes, Edwin Merritt. 598.
King, Charles Cyrus. 592.
Macfarlane, Arthur Keddie. 599.
Roberts, Evelyn Pierrepont. 593.
Rowe, Samuel McMath. 594.
Seaver, John Wright. 596.

PIPE.
Details of cost and manufacture of concrete — at Monterrey, Mexico. 500 and 573.

RAILROADS.
"The Valuation of Public Service Corporation Property." Henry Earle Riggs. (With Discussion.) 1.

RAINFALL.
— in Monterrey, Mexico. 480.

REINFORCED CONCRETE.
— for reservoirs and bridges at Monterrey, Mexico. 475.

RESERVOIRS.
— for water-works, Monterrey, Mexico. 506.

RETAINING WALLS.
"Experiments on — and Pressures on Tunnels." William Cain. (With Discussion.) 403.

SAND.
Sands near Monterrey, Mexico. 492.

SEDIMENTATION.
"Water Purification Plant, Washington, D. C., Results of Operation." E. D. Hardy. (With Discussion.) 301.

SEWAGE DISPOSAL.
— works and irrigation lands at Monterrey, Mexico. 545.

SEWERAGE.
"The Water-Works and — of Monterrey, N. L., Mexico." George Robert Graham Conway. (With Discussion.) 475.

SHAFT SINKING.
"Experiments on Retaining Walls and Pressures on Tunnels." William Cain. (With Discussion.) 403.

TUNNELS.
"Experiments on Retaining Walls and Pressures on —." William Cain. (With Discussion.) 403.

VALUATION.
"The — of Public Service Corporation Property." Henry Earle Riggs. 1. Discussion: Fred Lavis, Charles H. Higgins, S. D. Newton, William V. Polleys, C. P. Howard, J. E. Willoughby, Henry C. Adams, Carl C. Witt, R. A. Thompson, Charles H. Ledlie, William G. Raymond, W. H. Williams, P. E. Green, E. Kuichling, Richard T. Dana, George T. Hammond, Leonard Metcalf, Charles Hansel, J. Martin Schreiber, Clinton S. Burns, Halbert P. Gillette, Arthur L. Adams, C. D. Purdon, A. Mordecai, and W. B. Ruggles, 174.

WATER.

Analyses of — supplies for Monterrey, Mexico, 532.

"— Purification Plant, Washington, D. C., Results of Operation." E. D. Hardy. 301. Discussion: Allen Hazen, George A. Johnson, Morris Knowles, George C. Whipple, and F. F. Longley, 362.

WATER-WORKS.

"The Valuation of Public Service Corporation Property." Henry Earle Riggs. (With Discussion.) 1.

"The — and Sewerage of Monterrey, N. L., Mexico." George Robert Graham Conway. 475. Discussion: James D. Schuyler, David T. Pitkethly, George S. Binckley, Vicente Saucedo, George T. Hammond, and Rudolf Meyer, 557.

AUTHOR INDEX

ADAMS, ARTHUR L.
The valuation of public service property. 281.

ADAMS, HENRY C.
The valuation of public service property. 196.

ARCHBALD, JAMES.
Memoir of. 586.

BINCKLEY, GEORGE S.
Monterrey water-works and sewerage. 561.

BURNS, CLINTON S.
The valuation of public service property. 268.

CAIN, WILLIAM.
"Experiments on Retaining Walls and Pressures on Tunnels." 403.

CONWAY, GEORGE ROBERT GRAHAM.
"The Water-Works and Sewerage of Monterrey, N. L., Mexico." 475.

COVODE, JAMES HENRY.
Memoir of. 589.

DANA, RICHARD T.
The valuation of public service property. 246.

GILLETTE, HALBERT P.
The valuation of public service property. 275.

GREEN, P. E.
The valuation of public service property. 241.

HAMMOND, GEORGE T.
Monterrey water-works and sewerage. 567.
The valuation of public service property. 250.

HANSEL, CHARLES.
The valuation of public service property. 261.

HARDING, HENRY.
Memoir of. 591.

HARDY, E. D.
"Water Purification Plant, Washington, D. C., Results of Operation." 301.

HAZEN, ALLEN.
Washington water filtration plant. 362.

HIGGINS, CHARLES H.
The valuation of public service property. 184.

HOLMES, EDWIN MERRITT.
Memoir of. 598.

HOWARD, C. P.
The valuation of public service property. 191.

JOHNSON, GEORGE A.
Washington water filtration plant. 368.

KING, CHARLES CYRUS.
Memoir of. 592.

KNOWLES, MORRIS.
Washington water filtration plant. 373.

KUICHLING, E.
The valuation of public service property. 244.

LAVIS, FRED.
The valuation of public service property. 174.

LEDLIE, CHARLES H.
The valuation of public service property. 206.

LONGLEY, F. F.
Washington water filtration plant. 386.

MACFARLANE, ARTHUR KEDDIE.
Memoir of. 599.

MEEM, J. C.
Experiments on retaining walls, etc. 451.

METCALF, LEONARD.
The valuation of public service property. 252.

MEYER, RUDOLF.
Monterrey water-works and sewerage. 576.

MORDECAI, A.
The valuation of public service property. 285.

NEWTON, S. D.
The valuation of public service property. 189.

PITKETHLY, DAVID T.
Monterrey water-works and sewerage. 559.

POLLEYS, WILLIAM V.
The valuation of public service property. 190.

PURDON, C. D.
The valuation of public service property. 285.

RAYMOND, WILLIAM G.
The valuation of public service property. 214.

RIGGS, HENRY EARLE.
"The Valuation of Public Service Corporation Property." 1.

ROBERTS, EVELYN PIERREPONT.
Memoir of. 593.

ROWE, SAMUEL McMATH.
Memoir of. 594.

RUGGLES, W. B.
The valuation of public service property. 290.

SAUCEDO, VICENTE.
Monterrey water-works and sewerage. 563.

SCHREIBER, J. MARTIN.
The valuation of public service property. 265.

SCHUYLER, JAMES D.
Monterrey water-works and sewerage. 557.

SEAVER, JOHN WRIGHT.
Memoir of. 596.

THOMPSON, R. A.
The valuation of public service property. 200.

WHIPPLE, GEORGE C.
Washington water filtration plant. 381.

WILLIAMS, W. H.
The valuation of public service property. 217.

WILLOUGHBY, J. E.
The valuation of public service property. 193.

WITT, CARL C.
The valuation of public service property. 197.

WORCESTER, J. R.
Experiments on retaining walls, etc. 449.